

DERWENT ABSTRACT FOR: JP 07-003083 (Mitsubishi), published 6 Jan 1995:

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ACCESSION NUMBER: 1995-078140 [11] WPINDEX
DOC. NO. CPI: C1995-035202
TITLE: Prepn. of polyphenylene ether resin compsn. for
non-yellowing resin compsn. - by pre-kneading component
to exist also at interface between two different types of
components, in specified compsn. contg. olefin, etc..
DERWENT CLASS: A12 A17 A25
PATENT ASSIGNEE(S): (MITP) MITSUBISHI PETROCHEMICAL CO LTD
COUNTRY COUNT: 1
PATENT INFORMATION:

PATENT NO	KIND	DATE	WEEK	LA	PG
JP 07003083	A	19950106	(199511)*	9	<--

APPLICATION DETAILS:

PATENT NO	KIND	APPLICATION	DATE
JP 07003083	A	JP 1993-143072	19930615

PRIORITY APPLN. INFO: JP 1993-143072 19930615

AN 1995-078140 [11] WPINDEX

AB JP 07003083 A UPAB: 19950322

Preparation is carried out by pre-kneading component (c) from where component (c) exists both in component (b) and at the interface between component (a) and component (b) in a composition containing 100 pts.wt. in total of (a) polyphenylene ether resin and (b) polyolefin and 2-50 pts.wt. of (c) hydrogenated aromatic alkenyl compound-conjugated diene block copolymer.

In the preparation of polyphenylene ether resin composition, 0.1-35 pts.wt. of (d) inorganic filler with mean particle size up to 1 microns is further added to 100 pts.wt. in total of component (a) and component (b) to make component (d) existing selectively in component (b) and/or component (c).

ADVANTAGE - The polyphenylene ether resin composition is widely used industrially because it has well balanced mechanical strength (e.g. bending elasticity, impact strength, etc.) and heat resistance.

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